

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(("6220714") or ("20055174771") or ("4765718")).PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 09:51
L2	4	(("6220714") or ("200505174771") or ("4765718")).PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 09:51
L3	2	("20050174771").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 09:57
L4	2	("6318863").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 10:02
L5	4064	((359/629,497) or (349/62) or (362/553,555)).OCLS.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 10:24
L6	1110774	@pd>="20090901"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 10:25
L7	12747	@ad>="20090901"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 10:25
L8	1110837	6 or 7	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 10:25

L9	172	5 and 8	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 10:25
S1	2	("20060044523").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 18:11
S2	29	TEI JI DO-JUAN\$9.in. or LUDLEY-FREDERIC\$9.in.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 18:22
S3	16	("20010000973"   "20020176054"   "20030202159"   "5355187"   "5394204"   "5398086"   "6508571"   "6552754").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 18:27
S4	238	martinez-joseph.xa.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 18:27
S5	7	S4 and integrator	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 18:28
S6	27	S4 and rod	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 18:30
S7	8	S4 and pipe	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 23:00

S8	35	("5126836"   "5528318"   "5548347"   "5845981"   "5892623"   "6170953"   "6205271"   "6219110"   "6317170"   "6330112"   "6351324"   "6411440"   "6457832"   "6493149"   "6508554"   "6511184"   "6587269").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 23:00
S9	16	("4656562"   "4918583"   "5296892"   "5748288"   "6005722").PN. OR ("6205271").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/20 23:07
S10	25	("5513023"   "5625738"   "5712694"   "5751480"   "5884991"   "6053615"   "6104454"   "6139157").PN. OR ("6587269").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/21 00:49
S11	12	("20030021098"   "20030086066"   "20050002169"   "4744615"   "4765718"   "5059013"   "5396350"   "5829858"   "6332688"   "6517210"   "6587269"   "7125120").PN. OR ("7298940").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/21 01:13
S12	30	("5829858").URPN.	USPAT	OR	ON	2007/11/21 01:36
S13	0	(the adj like).clm.	USPAT	OR	ON	2007/11/21 01:36
S14	34	("3740570"   "3962702"   "4298869"   "4680579"   "4763975"   "4887074"   "4897639"   "4943154"   "5022043"   "5108172"   "5278542"   "5293437"   "5430501"   "5526063"   "5534949"   "5552840"   "5651599"   "5684368"   "5724062"   "5815221"   "5829858"   "5920297"   "5936599"   "5987190"   "6097367"   "6219014"   "6249088"   "6281949"   "6333724"   "6396466"   "6480634").PN. OR ("7088321").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/21 02:34
S15	11046	((359/629,501,497) or (349/62) or (385/27,31,39,43,52) or (362/553,555)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/21 02:49

S16	3263	((light near4 (integrator or rod or pipe)) same (modulat\$4 or valve or (liquid near3 crystal))) and project\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 02:36
S17	98	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 02:36
S18	5601	((359/629,497) or (349/62) or (385/31) or (362/553,555)).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/21 02:51
S19	4764	((359/629,497) or (349/62) or (385/31)).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/21 02:51
S20	3246	((359/629,497) or (349/62) or (362/553,555)).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/21 02:51
S21	2389	(385/31).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/21 02:51
S22	3489	((359/629,497) or (349/62) or (362/553,555)).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/19 23:55
S23	1753283	@pd>="20071101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 23:55
S24	105792	@ad>="20071101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 23:56

S25	1753352	S23 or S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 23:56
S26	255	S22 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 23:56
S27	1003655	@pd> = "20080901"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 12:59
S28	12558	@ad> = "20080901"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 12:59
S29	1003723	S27 or S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 13:00
S30	3714	((359/629,497) or (349/62) or (362/553,555)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/12 13:00
S31	206	S29 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 13:00
S32	6	(light near4 pipe) same (phase near4 mask)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 13:00

S33	21	(US-20060044523-\$ or US-20020176054-\$ or US-20050213046-\$ or US-20060098451-\$).did. or (US-6508571-\$ or US-7066601-\$ or US-7270457-\$ or US-7052150-\$ or US-7184213-\$ or US-6205271-\$ or US-6953275-\$ or US-6424786-\$ or US-6005722-\$ or US-6587269-\$ or US-7192147-\$ or US-7092159-\$ or US-7088321-\$ or US-6318863-\$ or US-5829858-\$ or US-5889567-\$).did. or (US-20020071274-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/03/12 13:28
S34	3	S33 and mask	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 13:29
S35	2	("5504627").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/12 13:29
S36	500	(light near4 pipe) with (epoxy or match\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 13:54
S37	114	(light near4 pipe) with (epoxy or match\$4) with source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 13:55
S38	16	("20040066645"   "20040179348"   "20050116235"   "20050185421"   "20060002141"   "20060098453"   "20060114693"   "6386720").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 14:13
S39	32	(light near4 pipe) with (epoxy) with source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 14:17

S40	46	("20030004385"   "20040077909"   "20040249229"   "20050154246"   "20060084831"   "20060089517"   "20060161033"   "3326866"   "3531545"   "4242530"   "4515661"   "4992612"   "4992613"   "5120894"   "5153165"   "5288370"   "5300718"   "5898091"   "6586649").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 14:22	
S41	28	("20040002169"   "20040233679"   "20050207177"   "20060008237"   "20060062013"   "20060203352"   "20060262514"   "20070236956"   "5005108"   "5982540"   "6144536"   "6227682"   "6341876"   "6869206").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 14:23	
S42	122	("20030031029"   "20030086066"   "3913872"   "4373775"   "4460940"   "4656562"   "5296892"   "5307207"   "5386250"   "5414489"   "5463497"   "5581683"   "5610763"   "5625738"   "5634704"   "5636003"   "5662410"   "5680257"   "5829858"   "5867320"   "5870296"   "5975703"   "6005722"   "6137631"   "6155687"   "6205271"   "6236449"   "6243149"   "6246450"   "6249382"   "6260974"   "6272269"   "6285423"   "6341876"   "6343862"   "6375330"   "6377336"   "6396647"   "6419365"   "6428198"   "6452088"   "6505957"   "6508571"   "6517211"   "6533427"   "6549339"   "6554464"   "6558007"   "6578999"   "6587269"   "6655820"   "6672724"   "6698891"   "6715880"   "6739723"   "6796686"   "6798577"   "6827450"   "6830342").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 14:28	
S43	1	(10/849265).APP.	USPAT; USOCR	OR	ON	2009/03/12 14:28	

S44	59	("20030031029"   "20030086066"   "3913872"   "4373775"   "4460940"   "4656562"   "5296892"   "5307207"   "5386250"   "5414489"   "5463497"   "5581683"   "5610763"   "5625738"   "5634704"   "5636003"   "5662410"   "5680257"   "5829858"   "5867320"   "5870296"   "5975703"   "6005722"   "6137631"   "6155687"   "6205271"   "6236449"   "6243149"   "6246450"   "6249382"   "6260974"   "6272269"   "6285423"   "6341876"   "6343862"   "6375330"   "6377336"   "6396647"   "6419365"   "6428198"   "6452088"   "6505957"   "6508571"   "6517211"   "6533427"   "6549339"   "6554464"   "6558007"   "6578999"   "6587269"   "6655820"   "6672724"   "6698891"   "6715880"   "6739723"   "6796686"   "6798577"   "6827450"   "6830342").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/12 14:28
S45	3892	((359/629,497) or (349/62) or (362/553,555)).CCLS.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2009/08/31 11:40
S46	1123593	@pd>="20090301"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/08/31 11:42
S47	21384	@ad>="20090301"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/08/31 11:42
S48	1123662	S46 or S47	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/08/31 11:42

S49	194	S45 and S48	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 11:42
S50	2754	(385/31).CCLS.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 11:58
S51	99	S48 and S50	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 11:59

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S52	0	(illumination and light and aperture and pipe and gap and width and coupl\$4 and refract\$4 and index and integrat\$4 and solid).clm.	USPAT; UPAD	OR	ON	2009/08/31 11:48

2/16/10 10:26:04 AM

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